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INVENTOR : AOKI KUNIHIRO; others: 02 . ಆರೋಧ ನಡೆಗೆ (೨ ೧೯೬೨ ಕೇ ಅಗುವರ್ಮದ್ಯಾಗಿ, ಅಕ್ಕರ್ ಇಷ್ಟು) ನಿರ್ವಹಿಸುವ ಅಪ್ರಮಾಣಕ ಮಾಡು ನಿರ್ವಹಿಸಿದ್ದಾರೆ.

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: FILTER MATERIAL HAVING TITLE

BACTERICIDAL PROPERTY

: PURPOSE: To obtain a highly reliable and efficient filter material having a bactericidal, antibacterial and fungicidal property by ABSTRACT forming a structure comprising a porous membrane having through holes and consisting of an org. polymer and a filter layer of

disinfectant metal formed in the small holes.

CONSTITUTION: There is used a porous membrane consisting of an org. polymer having the pores substantially vertically formed relative to one side face thereof with an average size of 0.2mum-10mum in diameter, very small holes of 35-90% opening rate and voids of 50-95%. As this org. polymer, the polymer of (meth) acrylic acid ester or blended with the other polymer or fluorinated polyolefin, etc., are used. The filter layer composed of disinfectant metal is formed in the small hole of the porous membrane. The filter layer is formed of any one of silver,

copper, tin, zinc, their salts and the compounds into a thin membrane layer or this membrane layer is arranged and formed in a state of being retained by inorg. particles such as alumina and silica gel. This method gives a highly bactericidal property with

a low pressure loss and a high reliability.